

**orion** AGRISCIENCE

**WARNING**

KEEP OUT OF REACH OF CHILDREN



# Gesamil<sup>®</sup>

## 500 FW

### HERBICIDE

A selective herbicide for the pre-emergence control of many annual broadleaf and grass weeds in CARROTS, PARSNIPS and in CONIFER seedbeds

**Active Ingredient:**

500 g/l propazine in the form of a suspension concentrate



**20 Litres**

## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### HAZARD CLASSIFICATIONS:

**Acute inhalation toxicity Category 4, Eye irritation Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates.**

### WARNING: TOXIC, ECOTOXIC

Harmful if inhaled. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates.

### PRECAUTIONS

#### HANDLING REQUIREMENTS:

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area.

#### PERSONAL PROTECTION:

Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

#### STORAGE:

Keep out of reach of children. Store in the original, tightly closed container, in a cool, dry and well ventilated area away from feed or foodstuffs. Avoid temperatures below 5°C and above 35°C. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

#### DISPOSAL:

Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

#### ENVIRONMENTAL:

Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not apply directly into or onto water. Collect spillage. Spray drift or equipment contamination may cause serious damage to desirable plants.

### First Aid

If medical advice is needed, have the product container or label at hand. If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

### Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

### Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

### Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**

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See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No. HSR000399  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

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### Registrant:

Agsin Pte Ltd, Zagro Global Hub, 5 Woodlands Terrace,  
Singapore 738430

### Distributor:

Orion AgriScience Ltd, Unit 1, 15 Sir Gil Simpson Drive,  
Harewood, Christchurch 8053

**0800 674 6627**

**www.orionagriscience.co.nz**

Batch No.

Date of Manufacture

Gesamil



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### GENERAL INFORMATION

Gesamil 500FW is a selective herbicide for the pre-emergence control of many annual broadleaf and grass weeds. When applied according to the directions Gesamil 500FW will give prolonged control of weeds without tainting or harming the crop. Gesamil 500FW is effective on germinating weed seedlings and prevents weed competition with the establishing crop. Gesamil 500FW is not effective on deep -rooted perennial weeds such as Californian thistle, dock and couch.

**Soil Conditions:** For best results with Gesamil 500FW prepare a fine firm seedbed free from clods and undecayed vegetation.

**Soil Moisture:** Adequate soil moisture is necessary if Gesamil 500FW is to be effective. If dry conditions are being experienced then moisture should be applied prior to application of Gesamil 500FW. Light rain or light irrigation immediately after application will also improve results.

### DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.**

### RATES AND TIMING OF APPLICATION

**Carrots and Parsnips:** For clay soils high in organic matter use 4 litres Gesamil 500FW per hectare. For sandy or silty soils use 2 litres Gesamil 500FW per hectare. Do not apply on very light soils with very little organic matter.

**Pinus Species:** (except small seeded species such as *P. contorta*, *P. mugo*, *P. sylvestris* and *P. uncinata*): Apply 2 litres Gesamil 500FW per hectare either as a post-sowing application (within 2 - 3 days of sowing) or to the freshly weeded seedbed one month after total emergence of the pines.

**Douglas Fir:** Apply 2 litres Gesamil 500FW per hectare as a post-emergence crop spray when crop seedlings are at least 6 weeks old and the seedbed is freshly weeded.

**Time of Application:** Gesamil 500FW must be applied within 2 - 3 days of sowing and prior to the emergence of weeds or seedling crop. Gesamil 500FW can be applied to established carrots and parsnips provided that weeds are not present or to freshly weeded conifers one month after emergence. In carrots and parsnips if weeds have germinated use PROGARD®.

**Volume of Application:** Apply in 500 litres of water per hectare.

### APPLICATION METHODS

Gesamil 500FW can be applied with conventional ground spraying equipment. Care should be taken to avoid excessive overlapping. Gesamil 500FW is non-corrosive and almost non-abrasive. Do not use strainers finer than 300 micrometres. Wash equipment thoroughly after use.

### MIXING

Gesamil 500FW mixes readily with water. To ensure a uniform suspension pour the correct amount into the partly filled tank and whilst stirring add the remainder of the water. Agitate thoroughly before and during spraying and before spraying after a stoppage.

### SOIL RESIDUES

Subsequent crops may be safely planted after 4 - 5 months. Cultivation by ploughing to a depth of 15 cm is recommended to remove any residue of Gesamil 500FW from the soil surface.

### RESISTANCE MANAGEMENT

GROUP	5	HERBICIDE
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Gesamil 500FW contains propazine, a group 5 herbicide belonging to the triazine chemical family. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

### WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.